

Work Order ID 52161

September 17, 2009 9:51:52 AM



Page 1

Item ID: D205-665-017

Accept



Setup Start



Revision ID: C

Stop



Item Name: Cable Guard

Start Date: 9/17/09 Start Qty: 1.00



Cust Item ID:

Required Date: 9/24/09 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: *W*

Date: 9/17/09

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D205-665	C								
100		0.00							
	DOCUMENT CONTROL								
DC		0.00							
Document Control	Memo Photocopy bluefile & type labels per PPPD205-665-017 GHG-001								
110		0.00							
	Pick Kit								
Packaging		0.00							
Packaging	Memo								
120		0.00							
	QC4- 100% Inspect kits for completeness								
QC		0.00							
Quality Control	Memo								

HJ for BG 09/10/01

9/19/30 RD SL

8/09/11/09

1 8

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Page 2

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Stop



Item Name: Cable Guard

Start Date: 9/17/09 Start Qty: 1.00



Cust Item ID:

Required Date: 9/24/09 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
	Packaging								
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPP D205-665-017								
	Location: <u>P/NBT</u>								
	PPP Rev: <u>P/NBT</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
	QC								
Quality Control	Memo	0.00							

see ECD attached

09/17/09 ①

09/11/10
MF 09-11-10

Picklist Print

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Page 1

Work Order ID: 52161

Parent Item: D205-665-017RevC

Parent Item Name: Cable Guard



Comments:

Start Date: 9/17/09

Required Date: 9/24/09

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3990-IRevA 		Manufactured	No			110	Each	0.0000	1.0000			
Cable Guard												
D2529RevE 		Manufactured	No			110	Each	470.0000	1.0000			
Washer												

B53001 SD 9/11/9

9/9/30 SD

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

470

51406

470

51406SD

D2570RevB



Bushing

Manufactured No

110 Each

139.0000 2.0000

B51519 9/9/30 (10SD)

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

15

47246

15

Main Warehouse

ST36

124

50356

124

Picklist Print

September 17, 2009 9:51:50 AM

Work Order ID: 52161

Parent Item: D205-665-017RevC

Parent Item Name: Cable Guard

Comments:

Start Date: 9/17/09

Required Date: 9/24/09

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN4-47A Purchased

No

110

Each

133.0000-2.0000



Bolt

~~1112335~~ 54

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

133

105978

100

14781

4

15072

29

2550

MS21042L4 Purchased

No

110

Each

8,148.000-2.0000



Nut

9/2/30 10 54

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

8148

107499

5

108145

4

110450

1

110507

184

111827

5996

112314

1893

15924

0

7690

24

8182

41

112314 50

Picklist Print

September 17, 2009 9:51:50 AM

Work Order ID: 52161

Parent Item: D205-665-017RevC

Parent Item Name: Cable Guard

Comments:

Start Date: 9/17/09

Required Date: 9/24/09

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
NAS1149D0463J		Purchased	No			110	Each	240.0000	1.0000			



Washer

[Handwritten signature]

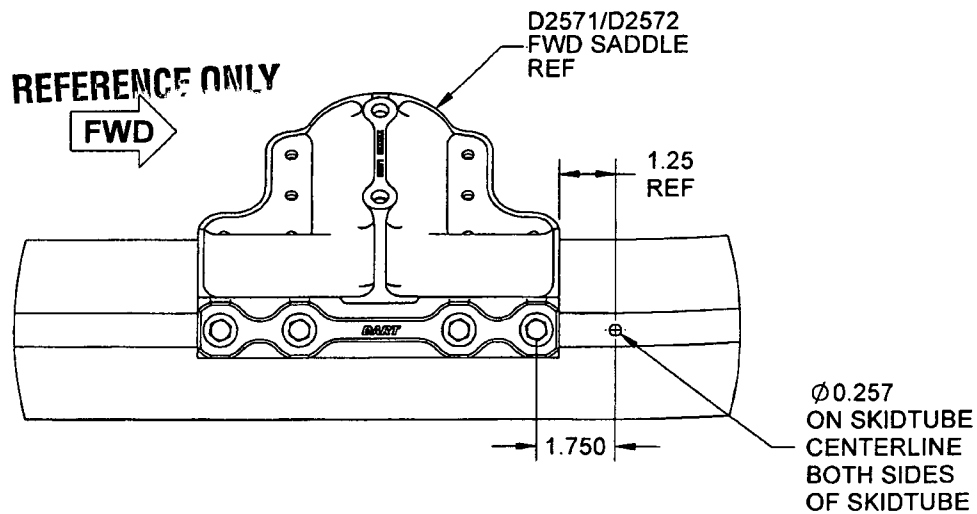
9/19/30 @ 50

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	240	
110914	240	

110914 *[Handwritten signature]*

PARTS LIST

QTY -015	QTY -017	PART NUMBER	DESCRIPTION
X		D205-665-015	CABLE GUARD INSTALLATION
	X	D205-665-017	CABLE GUARD INSTALLATION
	1	D3990-1	GUARD
1		D2916-1	GUARD
1		D2916-3	GUARD
1		D2916-5	GUARD
1		D2916-7	GUARD
4		D2915	BUSHING
2	1	D2529	WASHER
8	2	D2570	BUSHING
4	2	AN4-47A	BOLT
4		AN4-55A	BOLT
8	2	MS21042L4 (OR -4)	NUT
2	1	NAS1149D0463J	WASHER



DETAIL A: FORWARD HOLE DRILLING DETAIL
(-015 AND -017 KITS)

52161

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 09.09.03
CERT. NO.: SH96-88
ISSUE NO.: 3

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD.	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. C
MFG. APPR.	N/A	D205-665	SHEET 2 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	CABLE GUARD INSTALLATION	NTS
DATE	09.09.03	<small>COPYRIGHT © 1999 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 09.09.08	Job No.:	ADR Yes/No: Yes	ADR Date: 09.09.08	ECN #: 09- 662
Product No.: D205-634, D205-665		Created By: HS	Approved By: <i>[Signature]</i>	
Product Name: Skidtube, Cable Guard		Checked By: <i>[Signature]</i>	General Manager Approval:	

Distribution	Reqd	Resp	Initial / Date
Production Manager	Y	LL	
Production Engineering Coord	Y	EC	
Production Document Control	N	JS	
Customer Technical Support	Y	DS	

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord	N		
QC Coordinator	N		
Marketing	Y	SW	
Customer Order Processing	N		

Reason for Change:

RNZAF requirement for short cable guard

Documents Affected:

D205-665 Rev. C
D3990 Rev. A
DSI 9152 Rev. C

PARTS MUST COMPLY

☐

PREVIOUS PARTS SATISFACTORY

☒

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Product Compatability Matrix	N			
6	Create Eurocopter Form (FEE)	N			
7	Notify TC / FAA of Change	N			

#	Document Control Actions	Reqd	Resp	Notes	Complete
8	Move Electronic Files	Y	KJ	+ AE100-370/ADR/MDL	
9	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ	634 & 665	09.09.10 <i>[Signature]</i>
10	Update Controlled PDF Files	Y	KJ		09.09.10 <i>[Signature]</i>
11	Update Master Document List (MDL)	Y	HS	MDL-D205-634 Rev. H	10.09.10 HS 09.09.10
12	Update Document Record (DR)	Y	KJ	Rev. K	09.09.10 <i>[Signature]</i>
13	Update Product Development Summary	N			
14	Update QSI 021 and/or STC Approval List	N			
15	Update Parts / STC Database	Y	KJ	D205-665-017	09.09.10 <i>[Signature]</i>
16	Update / Verify ARC Database	Y	KJ		09.09.10 <i>[Signature]</i>
17	Create / Update Change Record Form	Y	KJ	D205-665-017 CHG 001	09.09.10 <i>[Signature]</i>
18	Create / Update PPP's	Y	KJ		
19	Update Document Control Database / Laminated Dwgs	N			
20	Update Grey Project Binder	Y	KJ	Add ADR	09.09.10 <i>[Signature]</i>
21	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		09.09.10 <i>[Signature]</i>
22					
23					

Description / Action:

- Create estimates for D3990-1 Guard and D205-665-017 Cable Guard Kit. *[Signature]*
- Produce QTY (1) D205-665-017 Cable Guard Kit as a prototype to be sent to the RNZAF, hold further production pending positive response

ECN Verified & Complete: _____

Date: _____